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Application Number

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11/14/03

First Named Inventor

Sun, Sam-Shajing

Art Unit

Examiner Name

Attorney Docket Number

036021

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Sam-Shajing Sun

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036021.0002

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CHRISTOPH J. BRABEC, ANTONIO CRAVINO, DIETER MEISSNER, N. SERDAR SARICIFTCI, THOMAS FROMHERZ, MINZE T. RISPENS, LUIS SANCHEZ, AND JAN C. HUMMELEN; Origin Of The Open Circuit Voltage Of Plastic Solar Cells; Advanced Functional Materials; October 5, 2001; Pages 374-380; No. 11; WILEY-VCH Verlag, Weinheim, Germany.	
		ANDERS HAGFELDT AND MICHAEL GRÄTZEL; Molecular Photovoltaics; Accounts of Chemical Research; 02/23/2000; 269-277; Vol. 33, No. 5, 2000; American Chemical Society.	
		WENDY U. HUYNH, JANKE J. DITTMER, AND A PAUL ALIVISATOS; Hybrid Nanorod-Polymer Solar Cells; www.sciencemag.org; March 29, 2002; Pages 2425-2427; Volume 295.	
		ANTONI CRAVINO, GERALD ZERZA, HELMUT NEUGEBAUER, MICHELE MAGGINI, STEFANIA BUCCELLA, ENZO MENNA, MATTIAS SVENSSON, MATS R ANDERSSON, CHRISTOPH J. BRABEC AND N. SERDAR SARICIFTCI; Electrochemical and Photophysical properties of a Novel Polythiophene with Pendant Fulleropyrrolidine Moieties: Toward "Double Cable" Polymers for Optoelectronic Devices; J. Physical Chemistry; 12/11/2001; Pages 70-76; Volume B 2002, 106; American Chemical Society.	
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		X. LINDA CHEN AND SAMSON A. JENEKHE; Supramolecular Self-Assembly of Three-Dimensional Nanostructures and Microstructures: Microcapsules from Electroactive and Photoactive Rod-Coil-Rod Triblock Copolymers; Macromolecules; 06/07/2000; Pages 4610-4612; Volume 33 (2000); American Chemical Society.	
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		S. SUN, Z. FAN, Y. WANG, J. HALIBURTON, C. TAFT, S. MAAREF, K. SEO AND C.E. BONNER; Conjugated Block Copolymers for Opto-Electronic Functions; Synthetic Metals; 2003; Pages 883-884; Volume 137/1-3; Synthetic Metals.	

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First Named Inventor

Sam-Shajing Sun

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		SAM-SHAJING SUN, ZHEN FAN, YIQING WANG, CHARLES TAFT, JAMES HALIBURTON and SHAHIN MAAREF; Synthesis and Characterization of a Novel-D-B-A-B Block Copolymer System for Potential Light Harvesting Applications; Organic Photovoltaics III; Pages 114-124; Volume 4801 (2003); Proceedings of SPIE.	
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		J. L. BRÉDAS, R. SILBEY, D. S. BOUDREAU and R. R. CHANCE; Chain-Length Dependence of Electronic and Electrochemical Properties of Conjugated Systems: Polyacetylene, Polyphenylene, Polythiophene, and Polypyrrole; J. Am. Chem. Soc.; 1983; Pages 6555-6559; American Chemical Society.	
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		X. LINDA CHEN and SAMSON A. JENEKHE; Block Conjugated Copolymers: Toward Quantum-Well Nanostructures for Exploring Spatial Confinement Effects on Electroic, Optoelectronic, and Optical Phenomena; Advance ACS Abstracts; August 15, 1996; Pages 6189-6192; Volume Macromolecules 1996, 29; American Chemical Society.	
		I. POLEK, A. HENCKENS, L. GORIS, M. NICOLAS, M. A. LOI, P. J. ADRIAENSENS, L. LUTSEN, J. V. MANCA, D. VANDERZANDE, N. S. SARICIFTCI; Convenient Synthesis and Polymerization of 5, 6- Disubstituted Dithiophthalides Toward Soluble Poly (Isothianaphthene): An Initial Spectroscopic Characterization of the Resulting Low-Band-Gap Polymers; Journal of Polymer Science: January 7, 2003; Pages 1034-1045; Volume 41, 2003, Part A: Polymer Chemistry; Wiley Periodicals, Inc.	
		S. JANIEZ, D. D. C. BRADLEY, M. GRELL, C. GIEBELER; M. INBASEKARAN and E. P. WOO; Electrochemical determination of the ionization potential and electron affinity of poly (9, 9-dioctylfluorene); Applied Physics Letters, October 26, 1998; Pages 2453-2455; Volume 73, number 17; American Institute of Physics.	

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ZHENAN BAO, ANANTH DODABALAPUR and ANDREW J. LOVINGER; Soluble and processable regiorregular poly (3-hexylthiophene) for thin film field-effect transistor applications with high mobility; Applied Physics Letters, December 23, 1996; Pages 4108-4110; Volume 69, Number 26; American Institute of Physics.

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G. YU, J. GAO, J. C. HUMMELEN, F. WUDI and A. J. HEEGER; Polymer Photovoltaic Cells: Enhanced Efficiencies via a Network of Internal Donor-Acceptor Heterojunctions; *Science*; December 15, 1995; Pages 1789-1791; Volume 270.

BERT DE BOER, ULF STALMACH, PAUL F. VAN HUTTEN, CHRISTIAN MELZER, VICTOR V. KRASNIKOV and GEORGES HADZIIIOANNOU: Supramolecular self-assembly and opto-electronic properties of semiconducting block copolymers; *Polymer*; March 2, 2001; Pages 9097-9109; Volume 42, 2001; Elsevier.

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